

Title: OPTICAL TRANSMISSION LINE FORMATION METHOD, OPTICAL TRANSMISSION LINE AND OPTICAL FIBER

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Fig. 13

Δn	2a	(%)	(μm)	(nm)	(μm)	WAVELENGTH OF 1310 nm	WAVELENGTH OF 1550 nm	CHROMATIC DISPERSION WAVELENGTH OF 1550 nm	DISPERSION SLOPE AT WAVELENGTH OF 1550 nm	ZERO DISPERSION SLOPE	TRANSMISSION LOSS AT WAVELENGTH OF 1310 nm	TRANSMISSION LOSS AT WAVELENGTH OF 1550 nm	OH-RELATED LOSS INCREASE AT WAVELENGTH OF 1380 nm	TRANSMISSION LOSS AT WAVELENGTH OF 1550 nm	FIBER STRUCTURE (CORE MATERIAL, CLADDING MATERIAL)
SAMPLE B	0.38	7.80	1166	8.53	1318	14.97	0.0540	0.0793							PURE SILICA GLASS
SAMPLE C	0.935	8.16	1230	8.06	1313	15.46	0.0544	0.0806							IF-DOPED GLASS
SAMPLE D	0.39	8.02	1200	8.57	1313	15.39	0.0537	0.0801							IF-DOPED GLASS
SAMPLE E	0.395	7.56	1135	8.37	1318	14.86	0.0531	0.0789							
SAMPLE F	0.42	7.60	1260	8.33	1307	15.75	0.0536	0.0816							
SAMPLE G	0.385	8.14	1184	8.72	1312	15.90	0.0547	0.0800							
SAMPLE H	0.38	8.52	1226	8.92	1304	16.66	0.0548	0.0819							
SAMPLE I	0.36	8.10	1133	8.92	1317	15.39	0.0544	0.0790							
COMPARATIVE EXAMPLE B	-	-	1158	9.13	1316	16.50	0.0584	0.0850	0.33	0.62	0.31	0.19			Ge-DOPED GLASS (PURE SILICA GLASS)